

CHAPTER 17
STANDARD DRAWING REVISION LOG

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| B17.1A | Design and General Notes – Sheet 1 (precast, prestressed girder bridge) |
| April 2008 | Added new sheet. |
| July 2009 | Deleted IC from Extreme Event loads |
| July 2010 | Deleted durometer from Method B Changed Design Specifications reference to 5 th Edition |
| March 2011 | Deleted single lane ADTT value from Design Loads. |
| Sept 2012 | Changed Design Specifications reference to 2012 Edition Set Temperature Range to 0° to 80° Set Base Temperature to 60° Changed Vehicular Collision Force to 600k to agree with Article 3.6.5 of the 2012 Specifications |
| June 2013 | Added 2013 Interims to Design Specifications reference. |
| March 2015 | Changed sheet title to “precast, p/s girder bridge” since sheet applies to both highway and railroad bridges. Changed Design Specifications reference to 7 th Edition. |
| Oct 2017 | Revised Design Procedures note from “slab reinforcement added to resist negative moment” to “slab reinforcement added to control cracking over the piers”. Revised reference to 8 th Edition in the Design Specifications. Revised reference for 2017 Standard Specifications. Added Construction note for GFRP designation. Added Construction note for NAVD 88 datum. |
| Nov 2019 | Changed Construction Specification reference to 2018 Standard Specifications and 2019 Supplemental Specifications. Revised Design Procedures note to require MASH railing. Revised Notes format to active voice, imperative mood. |
| Sep 2020 | Revised Design Specifications to “9 th Edition”. Revised Construction Specifications to 2020 Supplemental Specification. Changed reference to GFRP reinforcement from “GFRP” to “G” in the Construction note. Deleted Pile/Footing Design Load data, MSE Wall Table, and Elastomeric Bearing data and moved it to new sheet B171.C. Added “Sheet 1” to sheet title. |
| Jan 2022 | Changed reference to 2021 Supplemental Specifications. Converted sheet to ORD format. |
| June 2022 | Revised Construction Specifications to “2022 Supplemental Specifications”. |
| Oct 2023 | Revised Construction Specifications to “2023 Standard Specifications” and changed “Specifications” to “Special Provisions”. Added “Type S” to grade 60 metal reinforcement. Revised Design Specifications reference to AASHTO LRFD Bridge Design Specifications to “XX” Edition and added (Month)(Year) ITD Bridge Design LRFD Manual. Revised live load description to “HL-93 including pair of design tandems in accordance with AASHTO LRFD Bridge Design Specifications Article 3.6.1.3”. Revised definition of Incidental Items to match 2023 Standard Specifications. Revised notes format to active voice, imperative mood and Writer’s Style Guide |
| Dec 2024 | Added “42” Single Slope Concrete Parapet” and weight to DC Permanent loads. Revised format of General Notes to match B17.5 Added Massive Concrete Placement to General Notes. |

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Revised concrete and girder strength to 1 decimal place.
Revised metal reinforcement and prestress reinforcement strength to 60 ksi & 270 ksi
Deleted "Type S" from metal reinforcement designation.

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| B17.1B | Design and General Notes - Sheet 1 (weathering steel girder bridge) |
| April 2008 | Added new sheet |
| July 2009 | Deleted IC from Extreme Event loads |
| July 2010 | Deleted durometer from Method B Changed Design Specifications reference to 5 th Edition |
| March 2011 | Deleted single lane ADTT value from Design Loads. |
| Sept 2012 | Changed Design Specifications reference to 2012 Edition Set Temperature Range to -30° to 120° Set Base Temperature to 60° Changed Vehicular Collision Force to 600k to agree with Article 3.6.5 of the 2012 Specifications |
| June 2013 | Added 2013 Interims to Design Specifications reference. |
| March 2015 | Changed sheet title to "weathering steel girder bridge" since sheet applies to both highway and railroad bridges. Changed Design Specifications reference to 7th Edition. |
| Sept 2016 | Revised high strength bolt reference to ASTM F3125 A325 Type 3. |
| Oct 2017 | Revised reference for 2017 Standard Specifications. Revised reference to 8 th Edition in the Design Specifications. Added Construction note for GFRP designation. Added Construction note for NAVD 88 datum. |
| Nov 2019 | Changed Construction Specification reference to 2018 Standard Specifications and 2019 Supplemental Specifications. Revised Design Procedures note to require MASH railing. Revised Notes format to active voice, imperative mood. |
| Sep 2020 | Revised Design Specifications to "9 th Edition". Revised Construction Specifications to 2020 Supplemental Specification. Changed reference to GFRP reinforcement from "GFRP" to "G" in the Construction note. Deleted Pile/Footing Design Load data, MSE Wall Table, and Elastomeric Bearing data and moved it to new sheet B171.C. Added "Sheet 1" to sheet title. |
| Jan 2022 | Changed reference to 2021 Supplemental Specifications. Converted sheet to ORD format. |
| June 2022 | Revised Construction Specifications to "2022 Supplemental Specifications". |
| Oct 2023 | Revised Construction Specifications to "2023 Standard Specifications" and changed "Specifications" to "Special Provisions". Added "Type S" to grade 60 metal reinforcement. Specified Temperature Zone 3 for Charpy V-Notch. Revised Design Specifications reference to AASHTO LRFD Bridge Design Specifications to "XX" Edition and added (Month)(Year) ITD Bridge Design LRFD Manual. Revised live load description to "HL-93 including pair of design tandems in accordance with AASHTO LRFD Bridge Design Specifications Article 3.6.1.3". Revised definition of Incidental Items to match 2023 Standard Specifications. |

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Dec 2024 Revised notes format to active voice, imperative mood and Writer's Style Guide.
Added "42" Single Slope Concrete Parapet" and weight to DC Permanent loads.
Revised format of General Notes to match B17.5
Added Massive Concrete Placement to General Notes
Revised concrete to 1 decimal place.
Revised metal reinforcement and structural steel strength to 60 ksi & 50 ksi
Deleted "Type S" from metal reinforcement designation.

B17.1C Design and General Notes - Sheet 2

Sep 2020 Added new sheet
Jan 2022 Added Pile Design Loads for Integral Abutments.
Converted sheet to ORD format.
June 2022 Added scour design data for pile foundations and spread footings.

B17.2A Design and General Notes – cast-in-place concrete culverts

June 2006 Revised Construction Specification note to "Project plans & specifications".
Revised Design Procedures notes to list only proprietary software programs and added Design Speed.
Added Fill Depth and Live Load Surcharge to Permanent Loads.
Revised Footing Design Loads format to show nominal bearing resistance value and the effective footing area/width.

April 2008 Added reference to 2008 Interims
Modified Footing Design loads

July 2010 Renumbered sheet from B17.2C
Changed Design Specifications reference to 5th Edition

March 2011 Added Construction Note to put roller in static mode when fill depth is less than 3.0'.

Sept 2012 Changed Design Specifications reference to 2012 Edition

June 2013 Added 2013 Interims to Design Specifications reference.
Changed barrel walls, footings & wings concrete to Class 40A to agree with January 2012 Supplementals.

May 2014 Deleted Extreme Limit State for Footing Design Loads.
Added note in title block for "Cast-In-Place".

March 2015 Changed page number from B17.2D to B17.2A.
Changed Design Specifications reference to 7th Edition.

Oct 2017 Revised reference for 2017 Standard Specifications.
Revised reference to 8th Edition in the Design Specifications.
Added Construction note for NAVD 88 datum.

Nov 2019 Changed Construction Specification reference to 2018 Standard Specifications and 2019 Supplemental Specifications.
Revised Notes format to active voice, imperative mood.
Changed Construction Note to Concrete Waterproof System Type D to agree with 2018 Standard Specifications.

Sep 2020 Revised Design Specifications to "9th Edition".
Revised Construction Specifications to 2020 Supplemental Specification.
Revised Design Specification note to "In accordance with".

Jan 2022 Changed reference to 2021 Supplemental Specifications.

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June 2022 Converted sheet to ORD format
Revised Construction Specifications to “2022 Supplemental Specifications”.

Oct 2023 Revised Construction Specifications to “2023 Standard Specifications” and changed
“Specifications” to “Special Provisions”.
Added “Type S” to grade 60 metal reinforcement.
Revised Design Specifications reference to AASHTO LRFD Bridge Design Specifications
to “XX” Edition and added (Month)(Year) ITD Bridge Design LRFD Manual.
Revised definition of Incidental Items to match 2023 Standard Specifications.
Revised notes format to active voice, imperative mood and Writer’s Style Guide.

Dec 2024 Deleted Sliding from Footing Design Loads Strength Limit State
Revised format of General Notes to match B17.5
Added maximum and minimum fill depth to EV Design Loads.
Changed “Live load surcharge at abutment” to “Live load surcharge at barrel”.
Revised concrete strength to 1 decimal place.
Revised metal reinforcement to 60 ksi
Deleted “Type S” from metal reinforcement designation.

B17.2B Design and General Notes – precast concrete culverts

May 2014 Created new sheet for precast culverts.

March 2015 Changed page number from B17.2F to B17.2B”.
Changed Design Specifications reference to 7th Edition.

Oct 2017 Revised reference for 2017 Standard Specifications.
Revised reference to 8th Edition in the Design Specifications.
Added Construction note for NAVD 88 datum.

Nov 2019 Changed Construction Specification reference to 2018 Standard Specifications and 2019
Supplemental Specifications.
Revised Notes format to active voice, imperative mood.
Changed Construction Note to Concrete Waterproof System Type D to agree with 2018
Standard Specifications.

Sep 2020 Revised Design Specifications to “9th Edition”.
Revised Construction Specifications to 2020 Supplemental Specification.
Revised Design Specification note to “In accordance with”.
Deleted Construction Note for shop drawing submittal since it is included in Section 578.

Jan 2022 Changed reference to 2021 Supplemental Specifications.
Converted sheet to ORD format

June 2022 Revised Construction Specifications to “2022 Supplemental Specifications”.

Oct 2023 Revised Construction Specifications to “2023 Standard Specifications” and changed
“Specifications” to “Special Provisions”.
Added “Type S” to grade 60 metal reinforcement.
Revised Design Specifications reference to AASHTO LRFD Bridge Design Specifications
to “XX” Edition and added (Month)(Year) ITD Bridge Design LRFD Manual.
Revised definition of Incidental Items to match 2023 Standard Specifications.
Revised notes format to active voice, imperative mood and Writer’s Style Guide.
Deleted Sliding from Footing Design Loads Strength Limit State

Dec 2024 Corrected DC description from “unit” to “unit weight of reinforced concrete”.
Added maximum and minimum fill depth to EV Design Loads.

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Changed “Live load surcharge at abutment” to “Live load surcharge at barrel”.
Revised format of General Notes to match B17.5.
Revised concrete strength to 1 decimal place.
Revised metal reinforcement to 60 ksi
Deleted “Type S” from metal reinforcement designation.

B17.3 Design and General Notes – metal pipes

June 2006 Revised Construction Specification note to “Project plans & specifications”.
Revised Footing Design Loads format to show nominal bearing resistance value and the effective footing area/width.

April 2008 Added reference to 2008 Interims
Modified Footing Design loads

July 2010 Renumbered sheet from B17.2D
Deleted duplicate shop drawing Construction note
Changed Design Specifications reference to 5th Edition

March 2011 Added Construction Note to put roller in static mode when fill depth is less than 3.0’.

Sept 2012 Changed Design Specifications reference to 2012 Edition

June 2013 Added 2013 Interims to Design Specifications reference.
Changed head wall concrete to Class 40A to agree with January 2012 Supplementals.

March 2015 Changed page number from B17.2E to B17.3.
Changed Design Specifications reference to 7th Edition.

Aug 2016 Specified live load as 120k standard gage tridem axle designed for Strength II.
Changed shop drawing submittal to electronic PDF format.
Specified load rating required with shop drawing submittal.

Oct 2017 Revised reference for 2017 Standard Specifications.
Revised reference to 8th Edition in the Design Specifications.
Added Construction note for NAVD 88 datum.

Nov 2019 Changed Construction Specification reference to 2018 Standard Specifications and 2019 Supplemental Specifications.
Revised Notes format to active voice, imperative mood.

Sep 2020 Revised Design Specifications to “9th Edition”.
Revised Construction Specifications to 2020 Supplemental Specification.
Revised reference to shop drawings to “subsection 105.02” in the Construction notes.

May 2021 Added HL93 to Live Load

Jan 2022 Changed reference to 2021 Supplemental Specifications.
Converted sheet to ORD format

June 2022 Revised Construction Specifications to “2022 Supplemental Specifications”.

Oct 2023 Revised Construction Specifications to “2023 Standard Specifications” and changed “Specifications” to “Special Provisions”.
Added “Type S” to grade 60 metal reinforcement.
Revised Design Specifications reference to AASHTO LRFD Bridge Design Specifications to “XX” Edition and added (Month)(Year) ITD Bridge Design LRFD Manual.
Changed Live load reference from “tandem axle” to “tridem axle”.
Revised definition of Incidental Items to match 2023 Standard Specifications.
Revised notes format to active voice, imperative mood and Writer’s Style Guide
Deleted Sliding from Footing Design Loads Strength Limit State

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Dec 2024 Revised reference to shop drawings in Construction Notes to 105.02
Added maximum and minimum fill depths.
Revised format of General Notes to match B17.5.
Revised concrete strength to 1 decimal place.
Revised metal reinforcement to 60 ksi
Deleted “Type S” from metal reinforcement designation.

B17.4 Sheet Index, Quantities, & Vicinity Map

April 2008 Added new sheet.
July 2010 Modified sheets names in Sheet Index to show sequence for normal bridge.
Modified bid items in Quantities to show items for normal bridge.
March 2011 Added One Directional Traffic Data for Construction Year & Construction Year + 20
years values for ADT and ADTT.
June 2013 Changed bid item for 40B Sch No.1 to 40A Sch No. 1
Changed bid item for 40A Sch No. 2 to 40AF Sch No. 2
May 2014 Revised notations for ADT & ADTT to AADT & CAADT.
March 2015 Changed page number from B17.3 to B17.4
Nov 2019 Added “+” symbol to denote plan quantities.
Revised bid items to agree with 2018 Standard Specifications.
Added “Date Panel” to sheet index.
Jan 2022 Converted sheet to ORD format.
Dec 2024 Added additional typical drawings to Sheet Index.
Corrected bid item designations in Quantities to match current pay item catalog.

B17.5 Consultant Plan Sheet

June 2006 Renumbered sheet from B17.1 to B17.3.
Added Note 7 for electronic stamp note levels.
April 2008 Renumbered sheet from B17.3 to B17.4.
Feb 2012 Added Note 8 changing the name of the block to “Bridge Key Number”.
March 2015 Changed page number from B17.4 to B17.5
Aug 2016 Corrected reference in note 6 to Article 17.2.
Jan 2022 Deleted sheet

B17.5 General Notes, Sheet Index, & Quantities – Rehabilitation Projects

Dec 2024 Added new sheet

B17.6 Standard Rehab Details

Dec 2024 Added new sheet

B17.7 Consultant Plan Sheet –ORD Format

Sep 2020 Added new sheet.
Jan 2022 Renumbered sheet to B17.5
Oct 2023 Revised Note 3 to add “using first name initial and last name”.
Revised notes format to active voice, imperative mood and Writer’s Style Guide
Added note 9 for bridge drawing number.
Dec 2024 Renumbered sheet from B17.5 to B17.7.